

Restoring DTL-T10000 Flash Memory

To: All licensees

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SCE Software Development Division

Follow the instructions described below if for some reason the contents of the DTL-T10000 flash memory are destroyed and the kernel cannot run properly (e.g., dsflash, dsreset, dsedb, etc. cannot be used).

This procedure is valid for environments based on Library Release 1.3 and later.

* Restoring flash memory

When the DTL-T10000 is shipped, flash images are written in two modes: TOOL and WS. If the TOOL mode flash contents are destroyed, the WS mode contents can be used to repair the flash memory. Perform the following steps.

1. Switch the TOOL/WS selector switch on the bottom left front of the DTL-T10000 to WS.
2. Reboot the DTL-T10000 (boot in WS mode).
3. Run dsedb, etc. Check to see that the normal prompt appears, then quit.

(Example)

```
$ dsedb -d hostname
*** Resetting...
EE DECI2 Manager version...
    CPUID=2e12, BoardID=4126, ROMGEN=....., 128M
*** DBGP Version ...
:
dsedb S> quit
$
```

4. Run the following command to rewrite the WS mode flash memory to the TOOL mode flash memory.

```
$ dsflash -mpu4shadow t10000-XXXX.bin
```

5. The command should display 'Complete!' and exit.
6. Restore the TOOL/WS selector switch to TOOL.
7. Reboot the DTL-T10000 (boot in TOOL mode).
8. Run dsedb, etc. Check to see that the normal prompt appears.

* Note

- * There is a TOOL/WS LED on the upper front side of the DTL-T10000. However, with the current DTL-T10000, the TOOL LED will be lit regardless of whether TOOL or WS is being used.

* Do not execute `dsflash -mpu4shadow` from TOOL mode.

In the worst case, if the flash memory contents of both TOOL and WS are destroyed, the unit will have to be serviced.